

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(inverse adj scattering) and (irradiat\$3 with object) and (reflect\$3 near spectrum) and (Lippman\$1schwinger near equation) and (Volterra with iterative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:04
L2	349	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
L3	0	1 and 2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
L4	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:05
L5	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
L6	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) ).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:15
L7	0	2 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
L8	1016	(356/625,446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
L9	0	6 and 8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:13
L10	92	(702/134).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:14
L11	0	10 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:14
L12	7	(Lippmann\$1Schwinger) and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14
L13	1	12 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14

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L14	2	12 and 8	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:15
L15	2	((transmission transmit\$3) near coefficient) and 14	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
L16	0	((((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) ) and 15	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
L17	0	((((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra and (irradiat\$3 with object\$1) and (measur\$3 with (transmis\$3 and spectr\$3)) ) and 14	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:16
L18	606	(702/66,67).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
L19	0	18 and 12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
L20	0	18 and 6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:19
L21	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
L22	0	21 and 2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
L23	0	21 and 8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
S1	0	(702/076).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 15:01
S2	334	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:41
S3	1	S2 and (inverse near scattering)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 16:45
S4	1	S2 and (inverse near scattering)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:45

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S5	0	(inverse adj scattering) and (irradiat\$3 with object) and (reflect\$3 near spectrum) and (Lippman\$1schwinger near equation) and (Volterra with iterative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:04
S6	8	(lippman near equation\$1) (volterra near equation\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 15:47
S7	0	reformulat\$3 with (Lippmann\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:48
S8	8	(Lippmann\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:31
S9	6	(Lippmann\$1Schwinger) and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 18:14
S10	1	(Donald with Kouri) and (Amrendra with Vijay) and (Haiyan with Zhang) and (David with Hoffman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S11	426	(Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S12	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Lippman)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:11
S13	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Lippman Volterra Inverse\$1scatter\$3 (inverse with scatter\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:12
S14	1	((Donald with Kouri) (Amrendra with Vijay) (Haiyan with Zhang) (David with Hoffman)) and (Inverse\$1scatter\$3 (inverse with scatter\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:12
S15	976	(356/625,446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:10
S16	0	S15 and (inverse with scatter\$3 with (spectrum spectral))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:13
S17	16	S15 and (inverse with scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:34
S18	0	S15 and (inverse with scatter\$3) and (transmission with object)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:13
S19	0	S15 and (inverse with scatter\$3) and (iterat\$3 with Volterra)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:14
S20	0	S15 and (inverse with scatter\$3) and (iterat\$3 with Volterra)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:14

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S21	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:05
S22	0	(analyz\$3 same (inverse with scatter\$3 or spectral)) and (irradiat\$3 with object\$1) and (measur\$3 same (( reflect\$3 and transmission) near spectrum) ) and (calculat\$3 with transmission near coefficient).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:22
S24	33667	("702").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:16
S25	0	S22 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:16
S26	41	analyz\$3 same ((inverse with scatter\$3) inverse\$1scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:25
S27	9	S26 and ((transmission and reflect\$4) with coefficient\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:26
S28	29	("4622222"   "4727550"   "4798209"   "5227797"   "5588032"   "5667893").PN. OR ("6005916").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:29
S29	1	(Lippmann\$1Schwinger) and volterra	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 17:31
S30	4	("3121177"   "4769683"   "H001570").PN. OR ("5705824").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/28 17:33
S31	9	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:19
S32	3	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S33	1	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 18:06
S34	0	((transmission transmit\$3) near coefficient) and ((reflection reflect\$4) near coefficient) and (Lippmann Schwinger) and (inverse near scatter\$3) and Volterra).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S35	334	(702/76).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20

## EAST Search History

S36	0	S34 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S37	1	S32 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S38	290	(356/625).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:20
S39	1	S31 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S40	0	S34 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S41	689	(356/446).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S42	1	S41 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:21
S43	264	(702/155).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:22
S44	1	S43 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:22
S45	0	S43 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S46	284	(702/75).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S47	0	S46 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S48	0	S46 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:23
S49	5633	(356/32,34,300,303,450,451,432,445,448, 213,228,947,253,254,255,226,340,239,237, 222).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S50	0	S49 and S31	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S51	4	S49 and (Lippman Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
S52	0	S49 and (Lippman Schwinger) and Volterra	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25

**EAST Search History**

S53	0	S49 and (Lippman\$1Schwinger)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/01 13:25
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